

I Claim:

1. A method of dispensing a product into a swimming pool, comprising:  
providing a product;  
providing a permeable bag into which said product is placed;  
placing said permeable bag containing said product into a cavity of a feeder  
having an inlet and an outlet, said inlet and said outlet being in fluid communication with  
said cavity;  
supplying water to said inlet and allowing said water to flood said cavity thereby  
dissolving a portion of said product to create a use solution; and  
allowing said use solution to exit said cavity through said outlet and flow into a  
swimming pool.
2. The method of claim 1, wherein said product is cyanuric acid.
3. The method of claim 2, wherein said cyanuric acid is dispensed from said outlet at  
a rate of approximately 0.5 to 8.0 gallons per minute.
4. The method of claim 1, wherein said permeable bag has a dispensing rate of  
approximately 0.2 to 1.40 pounds of product per hour.
5. The method of claim 1, the swimming pool having a circulation system with a  
pump and a heater, wherein said inlet is installed after the pump and said outlet is  
installed after the heater, whereby said feeder is in fluid communication with the  
circulation system.
6. A method of dispensing a product into a swimming pool, comprising:  
providing a product;  
providing a feeder having a water inlet, a cavity, and a use solution outlet, said  
water inlet and said use solution outlet being in fluid communication with said cavity;  
placing a permeable member between said product and said use solution outlet,  
wherein said permeable member prevents said product from exiting said cavity through  
said use solution outlet;  
placing said product in said cavity;

supplying water to said water inlet, wherein said water enters said cavity and dissolves a portion of said product thereby creating a use solution; and  
allowing said use solution to exit said cavity through said use solution outlet and flowing into the swimming pool.

7. The method of claim 6, wherein said product is cyanuric acid.
8. The method of claim 6, wherein said permeable member is a bag containing said product.
9. The method of claim 6, wherein said permeable member is a mesh member covering said use solution outlet.
10. The method of claim 6, the swimming pool having a circulation system with a pump and a heater, wherein said inlet is installed after the pump and said outlet is installed after the heater, whereby said feeder is in fluid communication with the circulation system.
11. A method of stabilizing chlorine in a swimming pool, comprising:  
placing cyanuric acid into a cavity of a container having an inlet and an outlet, said inlet and said outlet being in fluid communication with said cavity;  
supplying said container with a diluent, said diluent entering said cavity via said inlet and dissolving a portion of said cyanuric acid thereby creating a use solution;  
allowing said use solution to exit said cavity via said outlet; and  
dispensing said use solution into the swimming pool, wherein said cyanuric acid stabilizes the chlorine in the swimming pool.
12. The method of claim 11, further comprising placing a permeable member between said cyanuric acid and said outlet, said permeable member preventing cyanuric acid that has not been dissolved into said use solution from exiting said cavity through said outlet.
13. The method of claim 12, wherein said permeable member is a bag containing said cyanuric acid.
14. The method of claim 12, wherein said permeable member is a mesh member covering said outlet.
15. The method of claim 11, further comprising:

connecting said inlet of said container to a first conduit interconnecting a pump and a filter of an existing circulation system of the swimming pool;

connecting said outlet of said container to a second conduit after a heater of said existing circulation system of the swimming pool; and

allowing water from said existing circulation system to be routed into said cavity to create said use solution which is then dispensed into the swimming pool.

16. A method of stabilizing chlorine in a swimming pool, the swimming pool including a circulation system having a water pump, a filter, and a heater, comprising:

providing a feeder having an inlet, a cavity, and an outlet;

connecting said inlet to the circulation system between the water pump and the filter with a first conduit;

connecting said outlet to the circulation system after the heater with a second conduit;

placing cyanuric acid into said cavity of said feeder;

providing means for preventing said cyanuric acid from flowing out of said outlet in a solid form;

flooded said cavity with water received from the circulation system via said inlet;

dissolving a portion of said cyanuric acid thereby creating a use solution;

allowing said use solution to exit said outlet; and

routing said use solution into the swimming pool.

17. The method of claim 16, wherein the means for preventing said cyanuric acid from flowing out of said outlet in solid form is a permeable bag.

18. The method of claim 16, wherein the means for preventing said cyanuric acid from flowing out of said outlet in solid form is a permeable member placed over said outlet.

19. A method of packaging cyanuric acid for dispensing the cyanuric acid from the packaging, comprising:

placing a desired quantity of cyanuric acid into a permeable bag, wherein said permeable bag has a dispensing rate of approximately 0.2 to 1.40 pounds of cyanuric acid per hour; and

sealing an opening of the permeable bag thereby containing the cyanuric acid, wherein fine particles of the cyanuric acid may escape from the permeable bag.

20. The method of claim 19, further comprising:

placing the permeable bag containing the cyanuric acid in contact with a diluent; and

allowing the diluent to dissolve a portion of the cyanuric acid thereby creating a use solution, whereby the use solution exits the permeable bag.

21. The method of claim 20, wherein the permeable bag is placed in a container having an inlet and an outlet, wherein the diluent is supplied to the container through the inlet and the use solution exits the container through the outlet, and wherein the cyanuric acid is dispensed without clogging the outlet.

22. A packaging for dispensing cyanuric acid, comprising:

a cyanuric acid product; and

a permeable bag, said cyanuric acid product being contained within said permeable bag, said permeable bag having a dispensing rate of approximately 0.2 to 1.40 pounds of cyanuric acid per hour.